



California Solar Initiative

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Existing Solar Programs

CPUC: Self-Generation Incentive Program (SGIP)

- Non-residential systems only, 30 kW and above
- ~\$50 million per year since 2001
- 50 MW solar capacity installed; 62 MW in progress



Existing Solar Programs (continued)

CEC: Emerging Renewables Program (ERP)



- Primarily residential systems
- ~\$230 million spent since 1998
- 62 MW solar installed capacity

New California Solar Initiative

◆ CPUC Program

- Existing residential buildings
 - ◆ Single-family homes
 - ◆ Low-income
 - ◆ Multi-family apartments
- All commercial buildings
 - ◆ Schools
 - ◆ State buildings
- All industrial facilities
 - ◆ Warehouses
 - ◆ Manufacturing
- All agricultural facilities



New California Solar Initiative

◆ CEC Program

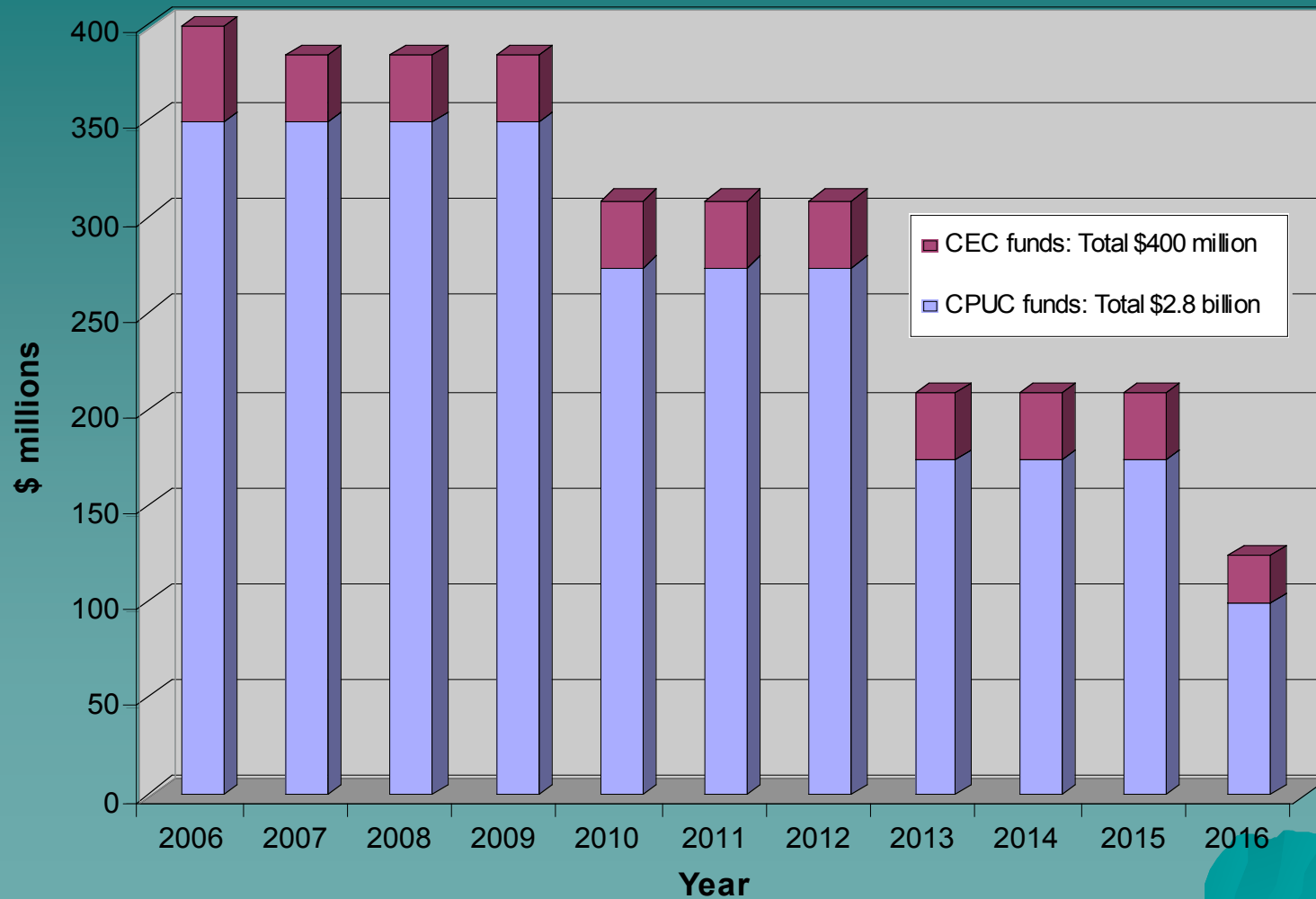
- New residential buildings only
 - ◆ Single-family homes
 - ◆ Low-income
 - ◆ Multi-family apartments
- CEC will specifically target and work with the builder/developer community



Transition Year: 2006

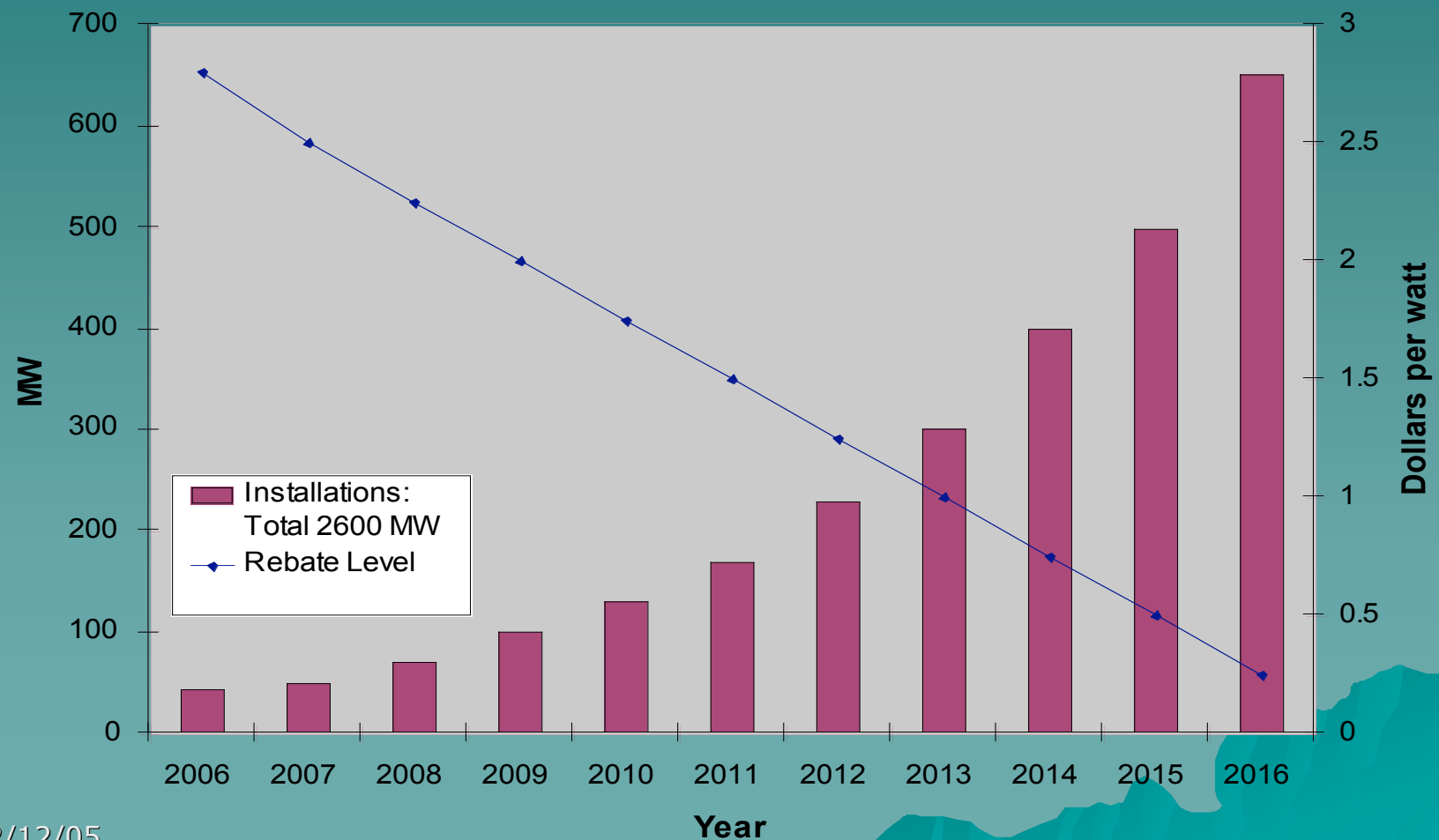
- ◆ Funding for new Solar Initiative begins
- ◆ Program funding will continue through 2016 (11 years)
- ◆ Administration initially through existing programs (SGIP and ERP)
- ◆ Agencies will work on:
 - Establishing new program administrative structure, initially for residential retrofit market
 - Payment for system performance, based on output, not capacity
 - Marketing and outreach plans

Solar Initiative Funding

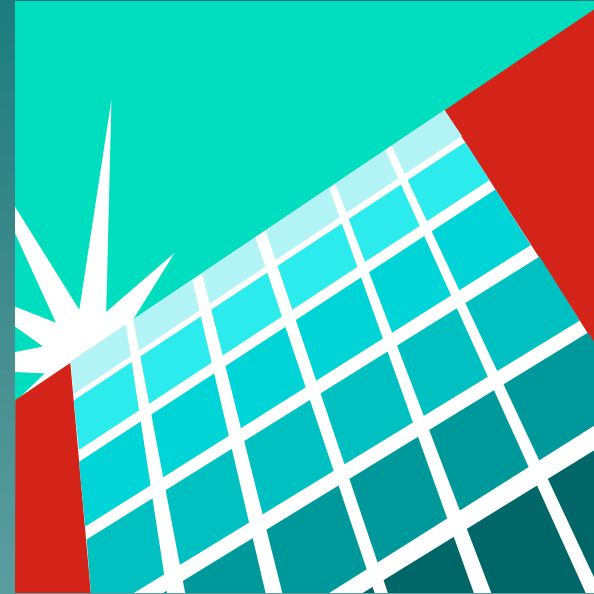


Installations and Rebate Levels

(CPUC program only)

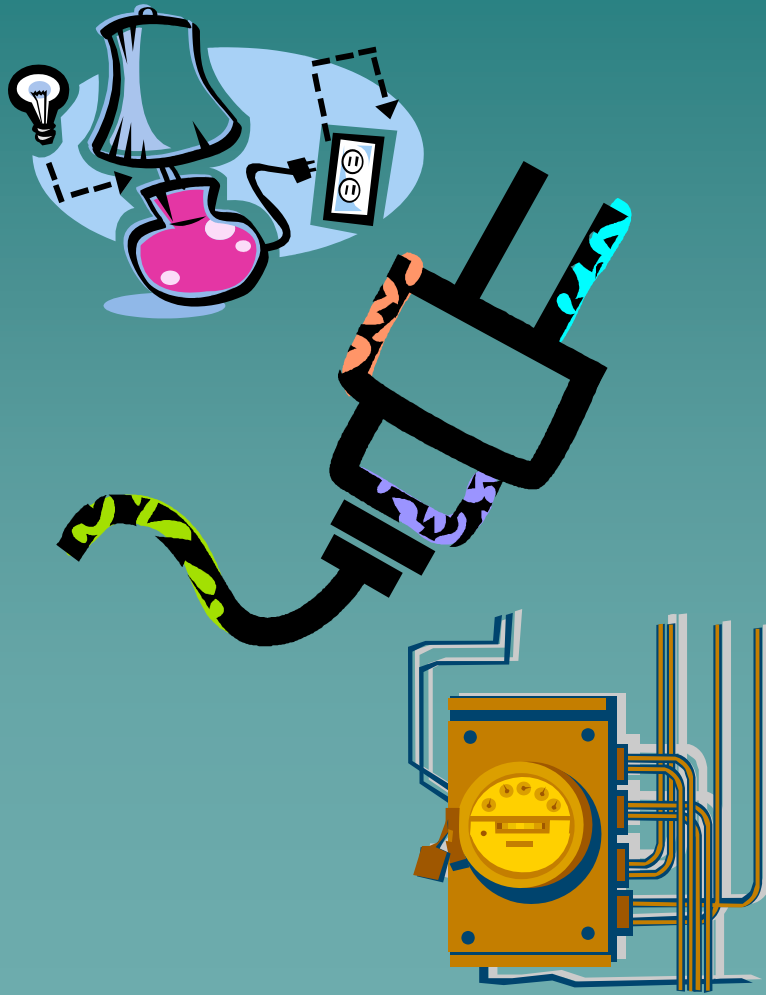


Eligible Technologies



- ◆ Photovoltaics on customer side of meter
 - ◆ Between 1 kW and 1 MW in size
- [Incentives for solar heating and cooling and concentrating solar (solar thermal electric) will be developed in 2006]

Energy Efficiency Connection



- ◆ Energy efficiency audits required to receive solar incentive
- ◆ New construction applications require participation in utility energy efficiency program
- ◆ Advanced meters and time-varying rates will be provided for solar installations

Affordable and Low-Income Housing

- ◆ Agencies will set aside 10% of funding for low-income and affordable housing projects
- ◆ Both single-family homes and multi-family structures will be eligible to participate
- ◆ Both agencies will consider setting a different incentive level, up to 25% higher, for these installations
- ◆ Both agencies will explore the option of offering low-cost financing